

U.S. Department of Commerce  
Patent and Trademark Office  
INFORMATION DISCLOSURE STATEMENT  
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U.S. Patent and Trademark OfficeAtty. Docket:  
2004367-0029In re Application No.  
10/681,651

Applicant: Shimp, et al.

Filing Date:  
October 8, 2003

Group: 1615

## U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
SK	3,892,649	Phillips, et al.	July 1, 1975	204	181
	3,949,073	Daniels, et al.	April 6, 1976	424	177
	4,183,874	Fan, et al.	January 15, 1980	525	100
	4,551,156	Li	November 5, 1985	55	16
	4,645,503	Lin, et al.	February 24, 1987	623	16
	4,783,504	St. Clair, et al.	November 8, 1988	525	72
	5,162,445	Powers, et al.	November 10, 1992	525	333.4
	5,246,782	Kennedy, et al.	September 21, 1993	428	421
	5,262,461	Serizawa, et al.	November 16, 1993	524	262
	5,324,519	Dunn, et al.	June 28, 1994	424	426
	5,333,626	Morse, et al.	August 2, 1994	128	898
	5,468,544	Marcolongo, et al.	November 21, 1995	428	224
	5,513,662	Morse, et al.	May 7, 1996	128	898
	5,606,000	Jadhav, et al.	February 25, 1997	528	29
	5,626,861	Laurencin, et al.	May 6, 1997	424	426
	5,736,372	Vacanti, et al.	April 7, 1998	435	180
	5,766,618	Laurencin, et al.	June 16, 1998	424	426
	5,846,484	Scarborough, et al.	December 8, 1998	422	28
	5,948,386	Katti, et al.	September 7, 1999	424	1.77
	6,027,744	Vacanti, et al.	February 22, 2000	424	426
	6,165,486	Marra, et al.	December 26, 2000	424	423
	6,352,667	English, James P.	March 5, 2002	264	328.17
	6,399,693	Brennan, et al.	June 4, 2002	524	494
▼	6,406,498	Törmälä, et al.	June 18, 2002	623	23.75
SK	6,432,436	Gertzman, et al.	August 13, 2002	424	423

Form PTO-1449  
(Modified)U.S. Department of Commerce  
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## U.S. PATENT APPLICATIONS

Examiner's Initials	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
SK	US2002/0098222	Wironen, et al.	July 25, 2002	424	423
SK	10/639,912	Shimp, et al.	August 12, 2003		1615
SK	10/735,135	Winterbottom, et al.	December 12, 2003		1644

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Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
SK	WO 98/19718	PCT	14 May 1998		

## OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
SK	International Search Report for PCT/US03/25417.
	International Search Report for PCT/US03/39704.
	Baker, Gregory L., <a href="http://www.cem.msu.edu/~gradoff/brochf/Baker.htm">http://www.cem.msu.edu/~gradoff/brochf/Baker.htm</a> , printed August, 2002.
	Boesch, P., "Bone Grafting with Fibrin Glue", <i>Wiener Klinische Wochenschrift Supplementum</i> , 93, No. 124, pp. 3-26, 1981.
	Han, et al., "Synergistic Effects of Lecithin and Human DBM on Bone Induction in Nude Rats", <i>Society for Biomaterials</i> , 28 <sup>th</sup> Annual Meeting Transactions, 2002 (abstract).
	Hooper, et al., "Diphenolic Monomers Derived from the Natural Amino Acid $\alpha$ -L-Tyrosine: An Evaluation of Peptide Coupling Techniques", <i>Journal of Bioactive and Compatible Polymers</i> 10, 327-340 (1995).
	Nazhat, S.N., et al., "Dynamic Mechanical Behaviour of Modified Hydroxyapatite Reinforced Polyethylene Composites", <i>Fifth World Biomaterials Congress</i> , p. 83, May 29-June 2 (1996)
	Satish Pulapura, et al., "Tyrosine-Derived Polycarbonates: Backbone-Modified "Pseudo"-Poly (Amino Acids) Designed for Biomedical Applications", <i>Biopolymers</i> 32, 411-417 (1992)
	"Silane Coupling Agent", <a href="http://www.apr.co.kr/silaneen.htm">http://www.apr.co.kr/silaneen.htm</a> , printed August 7, 2002.
	Simmons, D.M., et al., "Evaluation of collagen cross-linking techniques for the stabilization of tissue matrices", <i>Biotechnol. Appl. Biochem.</i> 17, 23-29 (1993) (abstract only).
SK	Tangpasuthadol, Varawut, "Thermo-Mechanical Properties and Hydrolytic Degradation of Tyrosine-Derived Polymers for Use in Biomedical Applications", Ph.D. Dissertation, Rutgers,

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Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 2004367-0029	In re Application No. 10/681,651
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		Filing Date: October 8, 2003	Group: 1615	
SK	The State University of New Jersey, (January, 1999).			
SK	Whittaker, et al., "Matrix Metalloproteinases and their Inhibitors – Current Status and Future Challenges", <i>Celltransmissions</i> , 17, prior to June 13, 2002.			
SK	Zhiyuan Zhong, et al., "Calcium methoxide initiated ring-opening polymerization of $\epsilon$ -caprolactone and L-lactide", <i>Polymer Bulletin</i> 46, 51-57 (2001).			
EXAMINER	/Sharon Kennedy/		DATE CONSIDERED	08/03/2006
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

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